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Dated: 11/4/02

Signature: 

(Patricia McKenney)

Docket No.: CFBF-P04-002
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Johnson et al.

Application No.: 09/883642

Group Art Unit: 1644

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NOV 15 2002

Filed: June 18, 2001

Examiner: P. Gambel

TECH CENTER 1600/2900

For: METHOD FOR TREATING AND
PREVENTING ATHEROSCLEROSIS

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
Washington, DC 20231

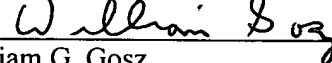
Dear Sir:

Submitted herewith is one set (five sheets, five figures) of formal drawings for filing in the above-identified patent application. Kindly substitute the enclosed formal drawings for the informal drawings submitted with the originally filed application.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. CFBF-P04-002 from which the undersigned is authorized to draw.

Dated: November 4, 2002

Respectfully submitted,

By 
William G. Gosz

Registration No.: 27,787

ROPES & GRAY

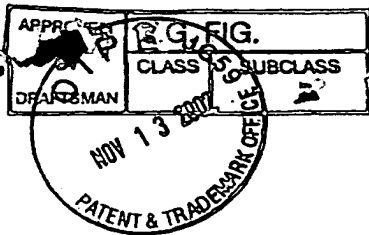
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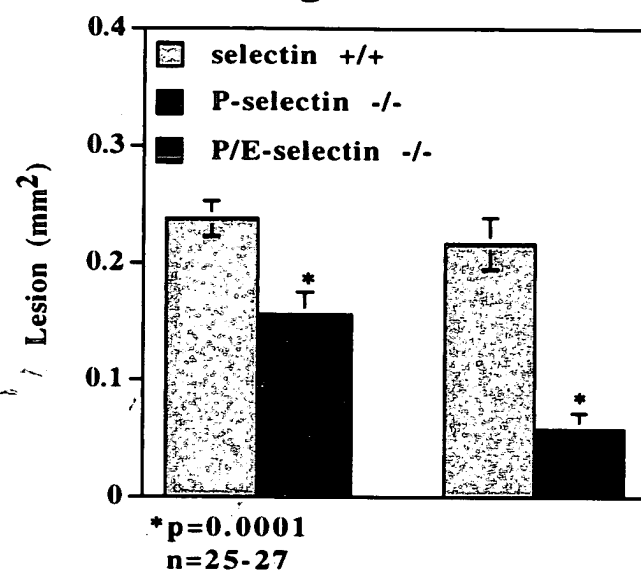
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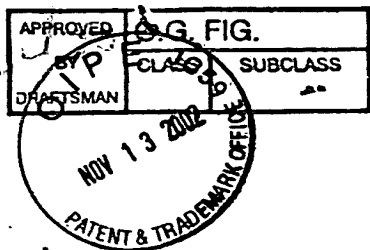


Aortic Sinus Lesions in LDL-Receptor $-/-$ Mice on Atherogenic Diet for 8 Weeks



zero
lpe $+/+$

Fig. 1



**Atherosclerotic lesion in entire
aortae of LDLR-deficient mice
on diet for 22 or 37 weeks**

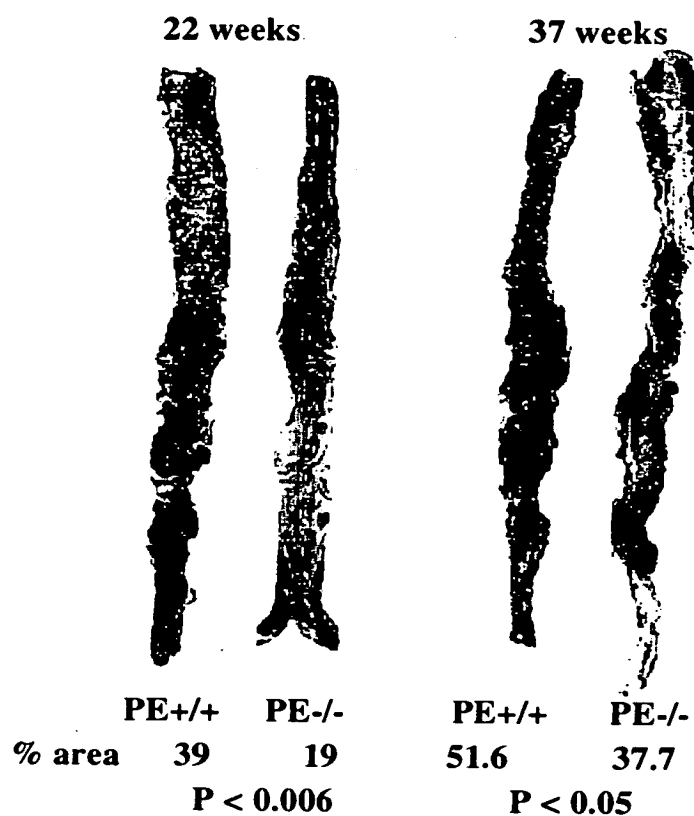
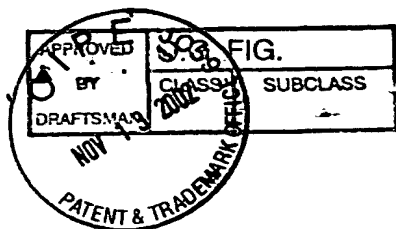
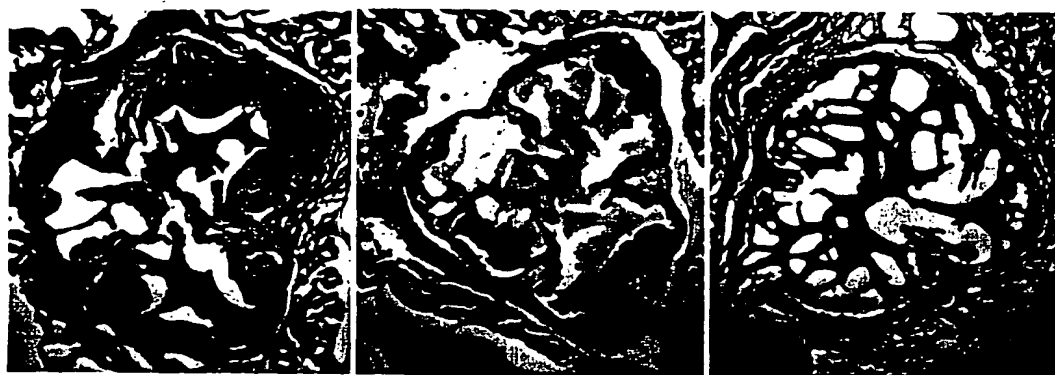


Fig. 2



Aortic sinus lesions in LDLR-deficient mice on diet for 8 weeks



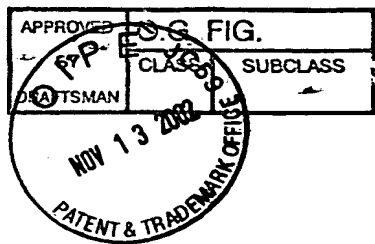
Wild type

P -/-

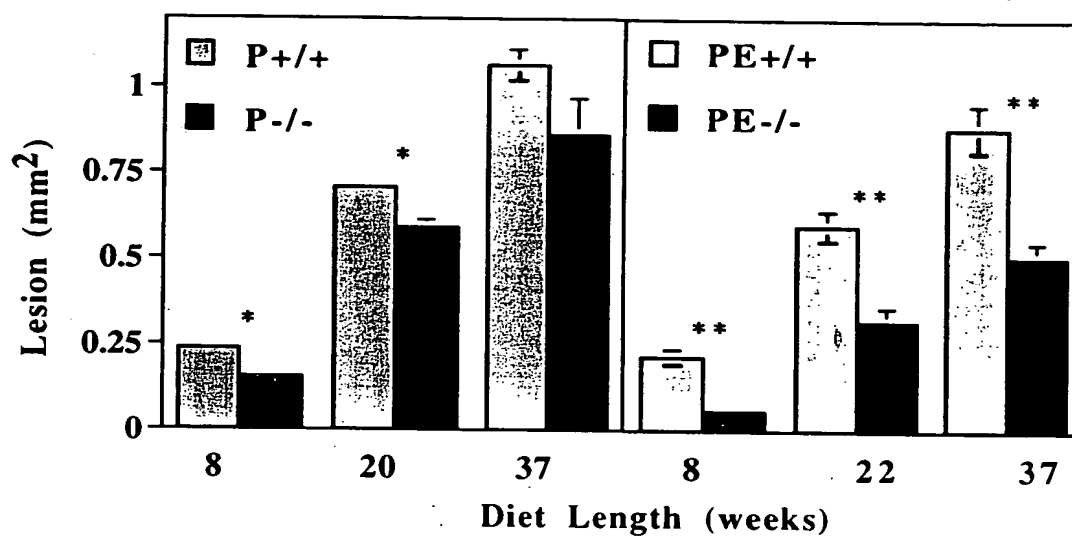
PE -/-

Fig. 3

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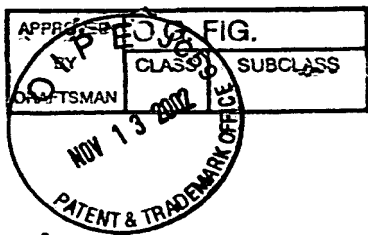


Atherosclerotic lesion development in the aortic sinus of LDLR-deficient mice



* $P < 0.05$, $n = 10-27$; ** $P < 0.0005$, $n = 10-26$

Fig. 4

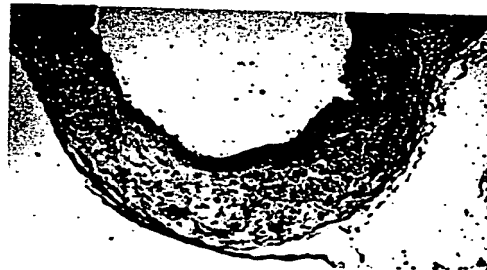


**Lesion calcification in the aortic sinus of
LDLR-deficient mice on diet for 37 weeks**



PE +/+

(93% of mice with calcification)



PE -/-

(20% of mice with calcification)

**Lesions were stained with oil red O, hematoxylin, and light green.
Calcium deposit was identified by hematoxylin stain.**

Fig. 5

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